

JOB DESCRIPTION

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Revision Date: _____

Job Title: Mechanic Tech

Job Classification: Hourly

Department: Mechanical

Reports To: Maintenance Superintendent

Job Summary

High skill and knowledge of various mechanical, hydraulic, pneumatic and diesel systems, representative of heavy equipment generally use in a shipyard/construction operation.

Duties and Responsibilities

Technical Competencies

- High skill in assembly and installation of equipment on vessel and yard (including cranes, heavy transport equipment, etc).
- High ability in testing mechanical, hydraulic and pneumatic related systems, troubleshooting and complex repairs.
- Ability to read complex blue prints, schematics, procedures and math conversions.
- Well versed in equipment leveling and alignment, including machining on board operations.
- Familiar with commissioning type operations, FATs, ability to write complex reports.
- Ability to offer alternate solutions in conjunction with engineering and customer representatives.
- Familiar with all applicable ABS/USCG regulatory type requirements.
- Experience in reconditioning of replacement parts such as pistons, bearings, shaft, gears, valves and bushings using engine lathes, boring machines, etc.
- Diagnose, overhaul, repair, tune, maintain and test diesel and petrol/gas-powered vehicles which may include trucks, bulldozers, tractors and other earthmoving equipment and stationary engines (e.g. generators, pumps, and compressors).
- Ability to weld and cut parts using arc-welding and flame cutting equipment.
- Use for detecting mechanical and electrical faults instruments like charging and starting circuitry, batteries, ignition and ignition timing, fuel injection systems and speed control, cylinder compression, engine condition, braking efficiency and wheel balance and alignment, etc.

Tools use Competencies

- Equipment alignment using dial indicator, stretch bar and lasers.
- Well knowledge of using high pressure torques, multi-plier, and hydraulic tools.
- Precision tools on board boring equipment, calipers, micro-meters and bore gauge.

Other Qualifications

- Ability to oversee maintenance Preventive maintenance programs including daily work orders.
- Responsible for its own work quality wise, both mechanical and maintenance including inspection.
- Understand and follow HSE specific safety rules for the intended application.
- Contribute fully to the team effort to maintain 5S, workstation cleanliness organization.
- Perform any other duties as assigned.

Additional duties and responsibilities may be added to this position as required by the organization.

Commitment to QHSE

employees are required to follow Quality, Health, Safety, and Environmental Policies & Procedures on a daily basis. Employees are required to work safely, effectively, and efficiently in order to care for the environment, work place, and coworkers. Employees are highly encouraged to suggest ways to improve any aspect of the company's processes.

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Experience Qualification	
Minimum of 5 or more years of mechanic experience.	Possess knowledge of mechanical techniques, tools and different diversity of equipment. Possess knowledge of types of steel materials preferred.
Skills and Abilities Qualification	
Communication Skills Judgment and Decision Making Skills Mathematical Skills Problem Solving Skills Analytical Skill	Ability to interpret drawings Ability to work at various heights Ability to work on any shift Teamwork Oriented Bilingual (English/Spanish) preferred
Education Qualification	
High School Diploma or Equivalent preferred Vocational/Technical Degree with 2 years of related experience preferred Associate's Degree in Mechanics preferred	

Job Description Approvals	
Dept. Head Name: _____	
Dept. Head Signature: _____	Date: _____
HR Manager Name: _____	
HR Manager Signature: _____	Date: _____

Employee Acknowledgement of Job Description	
Print Employee Name: _____	ID#: _____
Employee Signature: _____	Date: _____